

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---------------------------------|------------------|---------|------------------|
| S1 | 853 | (345/98).CCLS. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2005/05/25 11:52 |
| S2 | 292 | (345/99).CCLS. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2002/08/02 15:41 |
| S3 | 636 | (345/100).CCLS. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2002/08/02 15:41 |
| S4 | 1456 | ((345/98).CCLS.) or ((345/99).CCLS.) or ((345/100).CCLS.) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/02/20 16:33 |
| S5 | 1935 | active adj matrix:adj:display | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/02 15:42 |
| S6 | 16487 | TFT | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/02/20 16:33 |
| S7 | 456 | TFT adj display | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/02 15:43 |
| S8 | 472 | ((345/98).CCLS.) or ((345/99).CCLS.) or ((345/100).CCLS.) and TFT | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/02 15:43 |
| S9 | 125805 | LCD or (liquid adj crystal adj display) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/04/15 08:38 |
| S10 | 2515 | TFT adj2 (LCD or (liquid adj crystal adj display)) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/02 15:45 |
| S11 | 854 | video adj driver | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/05 15:00 |
| S12 | 8 | ((345/98).CCLS.) or ((345/99).CCLS.) or ((345/100).CCLS.) and (video adj driver) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/02 15:51 |
| S13 | 20 | TFT and (video adj driver) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/02 15:58 |
| S14 | 2 | (rotation or rotate) with (video adj driver) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/02 16:00 |

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|-----|------|---|---------------------------------|----|-----|------------------|
| S15 | 1506 | TFT with driver | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/02 16:00 |
| S16 | 0 | (rotation or rotate) with (TFT with driver) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/02 16:01 |
| S17 | 200 | ((345/98).CCLS.) or ((345/99).CCLS.) or ((345/100).CCLS.) and (TFT with driver) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/02 16:01 |
| S18 | 18 | (345/659).CCLS. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2002/08/05 13:46 |
| S19 | 7 | ("4168488" "4225929" "4267555" "4527155" "4542377" "4636783" "4703515").PN. | USPAT | OR | ON | 2002/08/05 09:41 |
| S20 | 21 | "4831368".URPN. | USPAT | OR | ON | 2002/08/05 09:46 |
| S21 | 0 | "jp-5760671-\$ did" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/05 10:51 |
| S22 | 0 | "jp-05760671-\$ did" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/05 10:52 |
| S23 | 0 | "jp-57060671-\$ did" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/05 10:52 |
| S24 | 0 | (345/659).CCLS. | USOCR | OR | OFF | 2002/08/05 13:46 |
| S25 | 42 | rotating adj2 "8" adj2 "8" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/05 13:52 |
| S26 | 0 | "85014593".URPN. | USPAT | OR | ON | 2002/08/05 13:49 |
| S27 | 1 | ("6400851").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2002/08/05 13:52 |
| S28 | 9 | ("4799173" "5379127" "5517587" "5598181" "5670982" "5734875" "5912995" "5973661" "6055326").PN. | USPAT | OR | ON | 2002/08/05 13:52 |
| S29 | 0 | "6400851".URPN. | USPAT | OR | ON | 2002/08/05 13:58 |
| S30 | 7 | ("4168488" "4271476" "4627020" "4837845" "5111192" "5598181" "5670982").PN. | USPAT | OR | ON | 2002/08/05 14:22 |
| S31 | 1 | "5912995".URPN. | USPAT | OR | ON | 2002/08/05 14:25 |
| S32 | 9 | ("4593407" "4627020" "4703515" "4837845" "4947344" "4985849" "5365601" "5563625" "5598181").PN. | USPAT | OR | ON | 2002/08/05 14:26 |

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| S33 | 6 | "5670982".URPN. | USPAT | OR | ON | 2002/08/05 14:30 |
| S34 | 6 | ("4894646" "4916746" "4929085" "4995089" "5034733" "5133025").PN. | USPAT | OR | ON | 2002/08/05 14:33 |
| S35 | 1 | jp-07130652-\$ did. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2002/08/05 14:57 |
| S36 | 2971 | gate adj driver | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/05 15:00 |
| S37 | 16487 | TFT | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/05 15:11 |
| S38 | 288 | (gate adj driver) same TFT | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/06 12:10 |
| S39 | 255 | (gate adj driver) same TFT and (@ad<"19991006") | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/04/15 08:39 |
| S40 | 0 | (gate adj driver) with TFT with landscape | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/05 15:11 |
| S41 | 0 | (gate adj driver) with TFT and portrait | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/05 15:11 |
| S42 | 1 | TFT with portrait | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/05 15:12 |
| S43 | 1 | TFT same portrait | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/05 15:12 |
| S44 | 30 | TFT and portrait | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/05 15:37 |
| S45 | 13 | ("4965559" "5105183" "5184956" "5240419" "5274363" "5275565" "5361078" "5381347" "5428395" "5459477" "5802318" "5956046" "6046709").PN. | USPAT | OR | ON | 2002/08/05 15:31 |
| S46 | 1053 | portrait same landscape | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/06 11:43 |
| S47 | 0 | (gate adj driver) same (portrait same landscape) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/05 15:38 |

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| S48 | 1 | (gate adj driver) and (portrait same landscape) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/05 15:38 |
| S49 | 26 | portrait same landscape same driver | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/05 15:39 |
| S50 | 0 | "8712416".URPN. | USPAT | OR | ON | 2002/08/05 15:44 |
| S51 | 1 | ("6232932").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2002/08/08 11:41 |
| S52 | 2 | jp-2002023135-\$.did. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2002/08/06 10:49 |
| S53 | 1 | 2002-322413.NRAN. | DERWENT | OR | OFF | 2002/08/06 10:47 |
| S54 | 0 | "2002023135".URPN. | USPAT | OR | ON | 2002/08/06 10:48 |
| S55 | 1 | ("6137468").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2002/08/06 10:49 |
| S56 | 13 | ("4267555" "4542377" "5134390" "5181181" "5189404" "5329289" "5661632" "5708561" "5732228" "5742331" "5774233" "5784045" "5798750").PN. | USPAT | OR | ON | 2002/08/06 10:50 |
| S57 | 1058 | portrait same landscape | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/06 11:43 |
| S58 | 125953 | LCD or (liquid adj crystal adj display) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/06 12:09 |
| S59 | 52 | (portrait same landscape) same (LCD or (liquid adj crystal adj display)) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/06 11:44 |
| S60 | 0 | (gate adj driver) same TFT | USOCR | OR | ON | 2002/08/06 12:02 |
| S61 | 0 | (gate adj driver) with TFT | USOCR | OR | ON | 2002/08/06 12:01 |
| S62 | 0 | (gate adj driver) with (thin adj film adj transister) | USOCR | OR | ON | 2002/08/06 12:01 |
| S63 | 0 | (driver) with (thin adj film adj transister) | USOCR | OR | ON | 2002/08/06 12:01 |
| S64 | 0 | (driver) same (thin adj film adj transister) | USOCR | OR | ON | 2002/08/06 12:02 |
| S65 | 0 | thin adj film adj transister | USOCR | OR | ON | 2002/08/06 12:02 |
| S66 | 135 | (gate adj driver) | USOCR | OR | ON | 2002/08/06 12:06 |

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|-----|-------|---|---------------------------------|----|-----|------------------|
| S67 | 2475 | LCD or (liquid adj crystal adj display) | USOCR | OR | ON | 2002/08/06 12:03 |
| S68 | 2 | ((gate adj driver)) and (LCD or (liquid adj crystal adj display)) | USOCR | OR | ON | 2002/08/06 12:03 |
| S69 | 197 | (LCD or (liquid adj crystal adj display)) and driver | USOCR | OR | ON | 2002/08/06 12:05 |
| S70 | 4570 | gate same driver | USOCR | OR | ON | 2002/08/06 12:06 |
| S71 | 72 | (LCD or (liquid adj crystal adj display)) and (gate same driver) | USOCR | OR | ON | 2002/08/06 12:07 |
| S72 | 11357 | gate near4 driver | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/06 12:09 |
| S73 | 565 | (LCD or (liquid adj crystal adj display)) same (gate near4 driver) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/06 12:09 |
| S74 | 379 | ((LCD or (liquid adj crystal adj display)) same (gate near4 driver)) not ((gate adj driver) same TFT) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/06 12:11 |
| S75 | 55 | ((LCD or (liquid adj crystal adj display)) same (gate near4 driver)) not ((gate adj driver) same TFT)) same horizontal | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/06 12:11 |
| S76 | 2 | ("5748175").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2002/08/07 09:37 |
| S77 | 6 | ("5157386" "5357290" "5406308" "5414443" "5448260" "5581273").PN. | USPAT | OR | ON | 2002/08/07 09:38 |
| S78 | 19 | "5157386".URPN. | USPAT | OR | ON | 2002/08/07 09:40 |
| S79 | 1 | ("5287205").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2002/08/07 11:18 |
| S80 | 0 | "(k-1)+h" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/07 14:10 |
| S81 | 10317 | (k-1)+h | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/07 14:12 |
| S82 | 5 | (k-1) adj +h | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/07 14:14 |
| S83 | 1 | (k-1) adj + adj h | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2002/08/07 14:15 |

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| S84 | 2 | ("5654733").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2002/08/08 11:41 |
| S85 | 2 | ("5790092").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2002/08/08 11:42 |
| S86 | 2 | ("5189404").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2003/04/05 15:31 |
| S87 | 1 | ("5949408").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2002/08/08 11:42 |
| S88 | 0 | jp-5760671-\$ did. | EPO; JPO; DERWENT | OR | ON | 2003/04/05 15:25 |
| S89 | 0 | jp-05760671-\$ did. | EPO; JPO; DERWENT | OR | ON | 2003/04/05 15:27 |
| S90 | 0 | jp-005760671-\$ did. | EPO; JPO; DERWENT | OR | ON | 2003/04/05 15:27 |
| S91 | 0 | jp-0005760671-\$ did. | EPO; JPO; DERWENT | OR | ON | 2003/04/05 15:28 |
| S92 | 0 | jp-57-60671-\$ did. | EPO; JPO; DERWENT | OR | ON | 2003/04/05 15:28 |
| S93 | 1 | jp-61142614-\$ did. | EPO; JPO; DERWENT | OR | ON | 2003/04/05 15:29 |
| S94 | 0 | jp-061142614-\$ did. | EPO; JPO; DERWENT | OR | ON | 2003/04/05 15:30 |
| S95 | 0 | jp-61-142614-\$ did. | EPO; JPO; DERWENT | OR | ON | 2003/04/05 15:30 |
| S96 | 2 | ("5189404").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/04/05 15:31 |
| S97 | 1 | 1993-085711.NRAN. | DERWENT | OR | OFF | 2003/04/05 15:31 |
| S98 | 9 | ("4168488" "4225929" "4267555" "4527155" "4542377" "4636783" "4703515" "4831368" "5030944").PN. | USPAT | OR | ON | 2003/04/05 16:04 |
| S99 | 16 | "5189404".URPN. | USPAT | OR | ON | 2003/04/05 16:04 |
| S100 | 1653 | matrix near2 rotation | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/04/05 16:58 |

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| S10 1 | 228 | matrix adj rotation | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/04/05 17:00 |
| S10 2 | 187 | (matrix adj rotation) and (@ad<"19991006") | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/04/05 17:00 |
| S10 3 | 195 | matrix adj rotation | USPAT; IBM_TDB | OR | ON | 2003/04/05 17:00 |
| S10 4 | 179 | (matrix adj rotation) and (@ad<"19991006") | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/04/05 17:01 |
| S10 5 | 1 | ("4703515").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2003/04/07 09:02 |
| S10 6 | 8 | ("3898627" "3976982" "4000486" "4203154" "4271476" "4300206" "4545069" "4593407").PN. | USPAT | OR | ON | 2003/04/07 09:02 |
| S10 7 | 5 | ("4168488" "4271476" "4300206" "4312045" "4545069").PN. | USPAT | OR | ON | 2003/04/07 09:09 |
| S10 8 | 31 | "4703515".URPN. | USPAT | OR | ON | 2003/04/07 09:11 |
| S10 9 | 1 | ("5966116").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2003/04/07 10:21 |
| S11 0 | 16 | ("4245321" "4542377" "4593407" "4611232" "4636783" "4806920" "4929085" "4930088" "5034733" "5063526" "5111192" "5124692" "5189404" "5384645" "5412768" "5426733").PN. | USPAT | OR | ON | 2003/04/07 10:11 |
| S11 1 | 5 | "5966116".URPN. | USPAT | OR | ON | 2003/04/07 10:19 |
| S11 2 | 1 | ("4831368").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2003/04/07 10:21 |
| S11 3 | 7 | ("4168488" "4225929" "4267555" "4527155" "4542377" "4636783" "4703515").PN. | USPAT | OR | ON | 2003/04/07 10:21 |
| S11 4 | 21 | "4831368".URPN. | USPAT | OR | ON | 2003/04/07 10:30 |

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|----------|--------|---|---|----|-----|------------------|
| S11 5 | 1 | ("6339411").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2003/04/14 09:33 |
| S11 6 | 7 | ("5337068" "5365284" "5428366" "5796378" "5880798" "5896119" "6064358").PN. | USPAT | OR | ON | 2003/04/14 09:33 |
| S11 7 | 0 | "6339411".URPN. | USPAT | OR | ON | 2003/04/14 09:33 |
| S11 8 | 427 | rear adj projector | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/04/15 08:30 |
| S11 9 | 15744 | three near2 display | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/04/15 08:33 |
| S12 0 | 2 | (rear adj projector) same (three near2 display) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/04/15 08:22 |
| S12 1 | 7 | ("5594569" "5643826" "5682175" "5808595" "5923962" "5956009" "6232939").PN. | USPAT | OR | ON | 2003/04/15 08:24 |
| S12 2 | 478 | front adj projector | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/04/15 08:30 |
| S12 3 | 4 | (front adj projector) same (three near2 display) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/04/15 08:30 |
| S12 4 | 102787 | (three or "3") near2 (display or panel) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/04/15 08:35 |
| S12 5 | 7 | (rear adj projector) same ((three or "3") near2 (display or panel)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/04/15 08:35 |
| S12 6 | 131262 | LCD or (liquid adj crystal adj display) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/04/15 08:38 |
| S12 7 | 41 | (rear adj projector) same (LCD or (liquid adj crystal adj display)) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/04/15 08:38 |
| S12 8 | 30 | ((rear adj projector) same (LCD or (liquid adj crystal adj display))) and (@ad<"19991006") | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/04/15 08:39 |

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|----------|-------|--|---|----|-----|------------------|
| S12 9 | 1 | ("5860720").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2003/04/15 09:50 |
| S13 0 | 1 | ("5335022").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2003/04/15 10:33 |
| S13 1 | 1 | ("6292183").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2003/04/15 10:33 |
| S13 2 | 1 | ("5594569").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2003/07/17 12:01 |
| S13 3 | 31 | (345/659).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2004/02/20 16:32 |
| S13 4 | 1793 | ((345/659).CCLS.) or ((345/98).CCLS.) or ((345/99).CCLS.) or ((345/100).CCLS.) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/02/20 16:33 |
| S13 5 | 28644 | TFT or (thin adj film adj TRANSIST?R) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/02/20 16:34 |
| S13 6 | 9332 | LDD | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/02/20 16:35 |
| S13 7 | 1030 | (TFT or (thin adj film adj TRANSIST?R)) same LDD | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/02/20 16:48 |
| S13 8 | 363 | ((TFT or (thin adj film adj TRANSIST?R)) same LDD).ab. | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/02/20 16:50 |
| S13 9 | 229 | ((((TFT or (thin adj film adj TRANSIST?R)) same LDD).ab.) and @ad<"19991008" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/02/20 16:51 |
| S14 0 | 39499 | (gate or row or selection or common) adj2 drive\$ | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/02/20 16:51 |
| S14 1 | 34376 | (drain or source or column or segment) adj2 drive\$ | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/02/20 16:50 |
| S14 2 | 3911 | ((gate or row or selection or common) adj2 drive\$) same ((drain or source or column or segment) adj2 drive\$) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/02/20 16:50 |

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| S14 3 | 1 | ((TFT or (thin adj film adj TRANSIST?R)) same LDD) same (((gate or row or selection or common) adj2 drive\$) same ((drain or source or column or segment) adj2 drive\$)) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/02/20 16:50 |
| S14 4 | 5 | ((gate or row or selection or common) adj2 drive\$) same ((TFT or (thin adj film adj TRANSIST?R)) same LDD) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/02/20 16:53 |
| S14 5 | 1 | (((gate or row or selection or common) adj2 drive\$) same ((TFT or (thin adj film adj TRANSIST?R)) same LDD)) and @ad<"19991008" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/02/20 16:53 |
| S14 6 | 5 | ((drain or source or column or segment) adj2 drive\$) same ((TFT or (thin adj film adj TRANSIST?R)) same LDD) | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/02/20 16:53 |
| S14 7 | 4 | (((drain or source or column or segment) adj2 drive\$) same ((TFT or (thin adj film adj TRANSIST?R)) same LDD)) and @ad<"19991008" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 15:56 |
| S14 8 | 1 | ("6698029").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2004/03/02 12:42 |
| S14 9 | 14650 | LDD or (light\$3 adj dop\$3 adj drain) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/09/25 17:09 |
| S15 0 | 507716 | over\$1lap\$4 or (over adj lap\$4) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/09/25 17:10 |
| S15 1 | 1361 | (LDD or (light\$3 adj dop\$3 adj drain)) with (over\$1lap\$4 or (over adj lap\$4)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/09/25 17:11 |
| S15 2 | 276774 | (liquid adj crystal) or LCD | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/09/25 17:20 |
| S15 3 | 727 | ((LDD or (light\$3 adj dop\$3 adj drain)) with (over\$1lap\$4 or (over adj lap\$4))) and ((liquid adj crystal) or LCD) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/09/25 17:12 |
| S15 4 | 355 | ((LDD or (light\$3 adj dop\$3 adj drain)) with (over\$1lap\$4 or (over adj lap\$4))) same pixel | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/09/25 17:12 |

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|----------|-----|---|---|----|-----|------------------|
| S15 5 | 76 | ((LDD or (light\$3 adj dop\$3 adj drain)) with (over\$1lap\$4 or (over adj lap\$4))) same drive | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/09/25 17:12 |
| S15 6 | 24 | (((LDD or (light\$3 adj dop\$3 adj drain)) with (over\$1lap\$4 or (over adj lap\$4))) same drive) and @ad<"19991008" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/09/25 17:20 |
| S15 7 | 981 | ((LDD or (light\$3 adj dop\$3 adj drain)) with (over\$1lap\$4 or (over adj lap\$4))) same electrode | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/09/25 17:20 |
| S15 8 | 899 | ((LDD or (light\$3 adj dop\$3 adj drain)) with (over\$1lap\$4 or (over adj lap\$4))) with electrode | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/09/25 17:20 |
| S15 9 | 53 | ((liquid adj crystal) or LCD) same (((LDD or (light\$3 adj dop\$3 adj drain)) with (over\$1lap\$4 or (over adj lap\$4))) with electrode) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/09/25 17:24 |
| S16 0 | 5 | (((liquid adj crystal) or LCD) same (((LDD or (light\$3 adj dop\$3 adj drain)) with (over\$1lap\$4 or (over adj lap\$4))) with electrode)) and @ad<"19991008" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/09/25 17:24 |
| S16 1 | 663 | ((liquid adj crystal) or LCD) and (((LDD or (light\$3 adj dop\$3 adj drain)) with (over\$1lap\$4 or (over adj lap\$4))) with electrode) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/09/25 17:24 |
| S16 2 | 23 | (((liquid adj crystal) or LCD) and (((LDD or (light\$3 adj dop\$3 adj drain)) with (over\$1lap\$4 or (over adj lap\$4))) with electrode)) and @ad<"19991008" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/09/25 17:24 |
| S16 3 | 1 | ("6146930").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2004/09/25 18:38 |
| S16 4 | 17 | ("4743099" "5040875" "5042918" "5208476" "5317432" "5323042" "5329140" "5412493" "5430320" "5482870" "5485019" "5488005" "5508216" "5563427" "5753556" "5770491" "5904511").PN. | USPAT | OR | ON | 2004/09/25 18:29 |
| S16 5 | 6 | "6146930".URPN. | USPAT | OR | ON | 2004/09/25 18:35 |
| S16 6 | 1 | ("5767930").PN. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2005/05/23 16:16 |

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|----------|--------|---|---|----|----|------------------|
| S16 7 | 13 | ("4743099" "5040875" "5042918" "5208476" "5317432" "5323042" "5329140" "5412493" "5430320" "5482870" "5485019" "5488005" "5508216").PN. | USPAT | OR | ON | 2004/09/25 18:42 |
| S16 8 | 39 | "5767930".URPN. | USPAT | OR | ON | 2004/09/25 18:42 |
| S16 9 | 103930 | (drain or source or column or segment or data) adj2 driv\$3 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 15:49 |
| S17 0 | 66697 | (selection or gate or row or common or scan) adj2 driv\$3 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 15:50 |
| S17 1 | 75336 | n\$1channel or ("n" adj channel) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 17:26 |
| S17 2 | 910 | S169 with S171 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 15:51 |
| S17 3 | 1265 | S170 with S171 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 15:55 |
| S17 4 | 191 | S172 same S173 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 15:55 |
| S17 5 | 51877 | TFT or (thin adj film adj transist\$4) or (thin\$1film adj transist\$4) or (thin\$1film\$1transist\$4) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 15:54 |
| S17 6 | 352 | S172 with S175 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 15:55 |
| S17 7 | 300 | S173 with S175 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 15:55 |
| S17 8 | 132 | S176 same S177 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 15:55 |
| S17 9 | 8 | S178 and @ad<"19991008" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 17:25 |

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| S19 3 | 193 | S192 and @ad<"19991008" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 17:27 |
| S19 4 | 66 | S189 and S192 | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 17:27 |
| S19 5 | 44 | S194 and @ad<"19991008" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 17:27 |
| S19 6 | 97 | (345/3.2-3.4).CCLS. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2005/05/25 11:52 |
| S19 7 | 64 | S196 and @ad<"19991008" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/25 11:55 |
| S19 8 | 51953 | TFT or (thin adj film adj transist\$4) or (thin\$1film adj transist\$4) or (thin\$1film\$1transist\$4) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/25 11:55 |
| S19 9 | 15 | S196 and S198 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/25 11:55 |
| S20 0 | 10 | S199 and @ad<"19991008" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/25 12:07 |
| S20 1 | 1 | ("5767930").PN. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/05/25 12:06 |
| S20 2 | 1288 | (257/408).CCLS. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | OFF | 2005/05/25 12:06 |
| S20 3 | 121 | S198 and S202 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/25 12:07 |
| S20 4 | 68 | S203 and @ad<"19991008" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/25 12:07 |

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| S18 0 | 39 | S174 and @ad<"19991008" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 16:17 |
| S18 1 | 2387 | (349/42-48).CCLS. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2005/05/23 17:24 |
| S18 2 | 2226 | display and S181 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 16:17 |
| S18 3 | 1630 | (display).ab. and S181 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 16:17 |
| S18 4 | 1299 | S183 and @ad<"19991008" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 16:18 |
| S18 5 | 103930 | (drain or source or column or segment or data) adj2 driv\$3 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 17:23 |
| S18 6 | 66697 | (selection or gate or row or common or scan) adj2 driv\$3 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 17:23 |
| S18 7 | 18185 | S185 and S186 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 17:23 |
| S18 8 | 2387 | (349/42-48).CCLS. | USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2005/05/23 17:24 |
| S18 9 | 233 | S187 and S188 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 17:25 |
| S19 0 | 145 | S189 and @ad<"19991008" | USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/25 11:53 |
| S19 1 | 75336 | n\$1channel or ("n" adj channel) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 17:26 |
| S19 2 | 262 | S191 and S188 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2005/05/23 17:27 |